

Appl. No. 09/438,856
Amdt. Dated 03/01/2006
Reply to Office Action of 09/01/2005

In The Specification

Please amend the specification as follows below:

Page 11, line 6, please amend the paragraph begging there-
at as follows:

"Figure 6 illustrates a built netlist 600 that has been modified in accordance with the sensitivity simulation template 400 previously described. As the built netlist 600 illustrates, circuit description section 632 of the band pass filter has been modified to include tolerance information for the listed resistance and capacitance parameters of R1, R2, R5 and C3, C4, respectively. This is the result of the "#tolerance" directive of the sensitivity simulation template 400. Also, in the built netlist 600, the automatic save statements (i.e. *#save) that were present in the standard netlist 500 has been removed by the "#nosave" directive of the simulation template 400. The save vector directive "#vector" adds the statement "save v(4)" 608 to the built netlist 600 to cause the saving of the selected vector measurement, which in this example is the voltage at node 4."

Page 11, line 26, please amend the paragraph begging there-
at and continuing over to page 12, line 3 as follows:

"Figure 7 illustrates an exemplary output file 700 for the sensitivity analysis performed in accordance with the built netlist 600. For each of the parameters having tolerances, the

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output file 700 lists the name of the parameter, its nominal value, the scalar (e.g. mean) value of the vector (e.g. v(4)) that is being measured, and the sensitivity in percentage of the selected vector based on the variation of the corresponding parameter. In the example, the sensitivity of mean of voltage v(4) is calculated for variations in parameters of the resistor r5, resistor r2, capacitor c4, resistor r1, and capacitor c3. After the list, the output file 700 includes the nominal value for the selected scalar (e.g. mean v(4)) is ~~outputed~~ outputted along with the run time, the memory remaining, and the memory used."